WELL PLUGGING RECORD

FORMING PLUGGING RECORD

Horton
County, Sec. 25
Town 5
Range 5

Location as “NE NW NW 1/4” or footage from line
990E 330N of S/4 Corner

Lease Owner: Cities Service Oil Company

Lease Name: Kitzie

Office Address: Bartlesville, Oklahoma

Character of Well (completed as Oil, Gas or Dry Hole): Dry Hole

Date well completed: 4-20-66

Applicant for plugging filed: 5-5

Application for plugging approved: 5-5

Plugging commenced: 5-7

Plugging completed: 5-11

Reason for abandonment of well or producing formation

If a producing well is abandoned, date of last production

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Show depth and thickness of all water, oil and gas formations.

OIL, GAS, OR WATER RECORDS

Formation: Reagan Sand

From: 3569

To: 3714

Water

Size: 5.1/2

Put In: 3714

Pulled Out: 2313

CASING RECORD

Plugged with sand to 3569' dumped 5 sacks cement
filled with mud to 300', set plug dumped 15 sacks cement,
mud to 356' dumped 10 sacks cement.

Correspondence regarding this well should be addressed to Mr. R. G. Cooper

Cities Service Oil Company

Great Bend, Kansas

STATE OF KANSAS

Mr. James Porter

(employee of owner) or (owner operator) of the above-described well,
being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature)

P. O. Box 553, Russell, Kansas

My commission expires 3-12-1951

PLUGGING

FILE SEC. 25 T5 R51 WKS

BOOK PAGE 26 LINE 8

1-27-00653-00-00

7-6-68

22-117

7-17-410M
WELL RECORD

Company: Cities Service Oil Co.  Well No.: 4  Farm:  Kansas

Location: 25° North and 30° West of 1/4 Sec.  Sec. 25  T. 5 R. 32 S.

Elevation: 3,215 (2,920 ft)  County: Barton  State: Kansas


Drlg. Comp.: 3-31-48  Acid: None

T. D. 3,724'  Initial Prod.

<table>
<thead>
<tr>
<th>CASING LINING</th>
<th>6-1/2&quot; &amp; 4-1/2&quot; with 250 socks cemented and 200' casing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3-1/2&quot; &amp; 3-7/8&quot; with 125 socks cemented; recovered 2,313' of 3-1/2&quot; casing.</td>
</tr>
</tbody>
</table>

| PERFORATION  | 1' Lining
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>shale, sand, and shale</td>
<td>0-414</td>
</tr>
<tr>
<td>shale</td>
<td>670</td>
</tr>
<tr>
<td>shale and sand</td>
<td>1,995</td>
</tr>
<tr>
<td>shale and mud</td>
<td>2450</td>
</tr>
<tr>
<td>shale and lime</td>
<td>2285</td>
</tr>
<tr>
<td>shale and lime, shale</td>
<td>2695</td>
</tr>
<tr>
<td>shale and lime, and shale</td>
<td>3200</td>
</tr>
<tr>
<td>lime and shale</td>
<td>3610</td>
</tr>
<tr>
<td>lime and lime</td>
<td>3905</td>
</tr>
<tr>
<td>lime and sand</td>
<td>3295</td>
</tr>
<tr>
<td>sand and lime</td>
<td>3380</td>
</tr>
<tr>
<td>sand and sand</td>
<td>3360</td>
</tr>
<tr>
<td>sand and sand, line and quartzite</td>
<td>3714</td>
</tr>
</tbody>
</table>

- Top Lining: 9,425'
- Top Reaup: 7,903'
- Total Depth: 5,425'

- Drilled cement to 3,660' C. L. C.
- Perforated 17 shots 5060-69; 1,163' fluid in 30 minutes; 1,365' fluid in 3-1/4 hours.
- Perforated 15 shots 5000-99, 727' fluid in 2 hours, 10 minutes.
- Perforated 12 shots 5075-99; 1,400' water in 45 minutes; 2,700' water in 4 hours 45 minutes.
- Perforated 6 shots 5000-67, 457' water in 10 minutes; 2,750' water with slow oil in 1 hour 20 minutes.
- Perforated 4 shots 5000-47, no fluid.
- Perforated 9 shots 5007-69, 300' water in 10 minutes; 1,075' water with slow oil in 1 hour 20 minutes.

- SALT TESTS (ACID DIET I):
  500' = OK
  1500' = OK
  2000' = OK
  2500' = OK
  3000' = OK

- 2-7/8' rotary hole.